

21. (previously presented) The method of claim 20, wherein said PapMV is a wild-type virus.
22. (previously presented) The method of claim 20, wherein said PapMV is a recombinant virus.
23. (previously presented) The method of claim 20, wherein said PapMV is a pseudovirus.
24. (previously presented) The method of claim 20, wherein said antigen is an immunogen.
25. (currently amended) The method of claim 20, wherein said antigen is fused to a coat protein of said PapMV or VLP.
26. (cancelled) ~~The method of claim 25, wherein said protein is a coat protein.~~
27. (previously presented) The method of claim 20, wherein said antigen is covalently attached to said PapMV or VLP.
28. (previously presented) The method of claim 20, wherein said antigen and said PapMV or VLP are not linked.
29. (previously presented) The method of claim 20, wherein said antigen and said adjuvant are administered parenterally, enterally or orally to said animal.
30. (previously presented) The method of claim 20, wherein said immune response is systemic.

31. (withdrawn) The method of claim 20, wherein said immune response is a mucosal immune response.
32. (previously presented) The method of claim 20, wherein said immune response is a humoral immune response.
33. (previously presented) The method of claim 20, wherein said immune response is a cellular immune response.
34. (previously presented) The method of claim 20, wherein said antigen is a viral, a bacterial or a parasitical protein, or fraction thereof.
35. (previously presented) The method of claim 20, wherein said antigen and said adjuvant are co-administered to said animal.
36. (previously presented) The method of claim 20, wherein said adjuvant is administered to said animal prior to administration of said antigen.
37. (previously presented) The method of claim 20, wherein said adjuvant is administered to said animal subsequent to administration of said antigen.
38. (previously presented) The method of claim 20, wherein said animal is a mammal, bird or fish.
39. (previously presented) The method of claim 38, wherein said animal is a mammal.
40. (withdrawn) The method of claim 38, wherein said animal is a bird.
41. (withdrawn) The method of claim 38, wherein said animal is a fish.

42. (previously presented) The method of claim 20, wherein said animal is a human.
43. (new) The method of claim 20, wherein said PapMV coat protein is a modified PapMV coat protein, said modified PapMV coat protein being capable of multimerization to form said VLP.